

**WASHINGTON STATE DEPARTMENT OF HEALTH
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS**

ANNUAL GROWING AREA REVIEW

PREPARED BY: Donald Melvin, Environmental Specialist

AREA: East Passage

YEAR ENDING: December 31, 2005

CLASSIFICATION: Approved, Unclassified, Prohibited

ACTIVITIES IN THE GROWING AREA IN 2005:

Samples were collected 6 times in the growing area during the year using the systematic random sampling method. Portions of the shellfish area were closed due to biotoxin from 7/1/2004 to 11/30/2004.

ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the results of all samples collected from the area. This summary shows that all stations in the area pass the NSSP water quality standard.

CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:

We currently have no information indicating that the area has new sources of pollution.

CLASSIFICATION STATUS:

- ☒ Well within the classification standards
- ☐ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

REMARKS AND RECOMMENDATIONS:

Table #1 shows that all stations meet the NSSP water quality standards for approved classification and the area is correctly classified.

TABLE 1**SUMMARY OF MARINE WATER DATA (SRS)**Growing Area: **EAST PASSAGE**Classification: **Approved,Prohibited,Unclassified**From **12/07/2000** To **12/08/2005****FECAL COLIFORM ORGANISMS/100 ML**

| Station Number | Classification | Number of Samples | Range | Geometric Mean | Est. 90th Percentile | Meets Std. |
|-----------------------|-----------------------|--------------------------|--------------|-----------------------|-----------------------------|-------------------|
| 375 | Approved | 31 | 1.7 - 4.5 | 1.9 | 3.0 | Yes |
| 376 | Approved | 31 | 1.7 - 7.8 | 1.9 | 3.0 | Yes |
| 377 | Approved | 31 | 1.7 - 4.5 | 1.8 | 2.0 | Yes |
| 378 | Approved | 30 | 1.7 - 22.0 | 2.0 | 3.0 | Yes |
| 379 | Approved | 30 | 1.7 - 7.8 | 2.2 | 3.0 | Yes |
| 380 | Approved | 31 | 1.7 - 2.0 | 1.7 | 1.0 | Yes |
| 381 | Approved | 31 | 1.7 - 9.2 | 2.2 | 4.0 | Yes |
| 382 | Approved | 31 | 1.7 - 4.5 | 2.0 | 3.0 | Yes |
| 383 | Approved | 31 | 1.7 - 49.0 | 2.7 | 8.0 | Yes |
| 385 | Approved | 31 | 1.7 - 33.0 | 2.2 | 5.0 | Yes |
| 386 | Approved | 31 | 1.7 - 33.0 | 2.2 | 5.0 | Yes |
| 387 | Approved | 31 | 1.7 - 11.0 | 2.3 | 4.0 | Yes |
| 388 | Approved | 31 | 1.7 - 21.0 | 2.1 | 4.0 | Yes |
| 390 | Approved | 31 | 1.7 - 13.0 | 2.0 | 4.0 | Yes |
| 391 | Approved | 31 | 1.7 - 13.0 | 2.1 | 4.0 | Yes |
| 392 | Approved | 31 | 1.7 - 23.0 | 2.2 | 5.0 | Yes |
| 393 | Approved | 31 | 1.7 - 17.0 | 2.3 | 5.0 | Yes |
| 384 | Prohibited | 31 | 1.7 - 11.0 | 2.3 | 4.0 | Yes |
| 389 | Unclassified | 31 | 1.7 - 6.8 | 2.1 | 3.0 | Yes |
| 394 | Unclassified | 30 | 1.7 - 920.0 | 3.6 | 27.0 | Yes |
| 395 | Unclassified | 31 | 1.7 - 31.0 | 2.5 | 6.0 | Yes |
| 600 | Unclassified | 19 | 1.7 - 350.0 | 3.3 | 19.0 | *N/A |
| 647 | Unclassified | 18 | 1.7 - 17.0 | 2.5 | 6.0 | *N/A |
| 675 | Unclassified | 8 | 1.7 - 130.0 | 4.1 | 27.0 | *N/A |
| 676 | Unclassified | 9 | 1.7 - 2.0 | 1.7 | 1.0 | *N/A |

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

* N/A - SRS criteria require a minimum of 30 samples from each station. *

† All samples have been verified.

EAST PASSAGE

389
Unclassified
388
Approved
387
Unclassified
386
600
Unclassified
385
676
Prohibited
384
675
383
Unclassified
382
381
647
379
Approved
378
377
376
375
390
391
Approved
392
393
394
395

SEATTLE
TACOMA
QUARTERMASTER HARBOR
COLVOS PASSAGE
SOUND
PUGET EAST